



Fire Control Technician (FT) Submarines serve on board multiple classes of submarines and specialize in combat systems. They are responsible for maintenance and operation of advanced electronic equipment (in regards to guided-missile systems, and underwater weapons) used in the submarine weapons systems.

What They Do

The duties performed by FT's include:

- maintain, repair, calibrate, tune, and adjust all electronic equipment used for combat systems;
- support operation and basic maintenance of submarine weapon control systems
- perform organizational and intermediate level maintenance on submarine combat control systems, equipment, and associated combat control systems test equipment;
- operate submarine combat control systems;
- test submarine combat control systems;
- operate and maintain combat control systems associated systems;
- participate in weapons handling functions;
- operate and maintain nontactical computer systems and peripherals;
- use and maintain hand tools and portable power tools.

Credit Recommendations

The American Council on Education (ACE) guide recommends that semester hour credits be awarded in the vocational certificate or lower-division bachelor's/associate's degree categories for courses taken in this rating on computer science, marine systems management, computer and information science, and applied electronics, applied mathematics, circuit theory, systems maintenance, and communications.

Qualifications and Interests

Fire Control Technician's (FT's) must be U.S. citizens eligible to meet security clearance requirements. Important qualifications include knowledge of arithmetic, capability to understand modern computing devices, the ability to speak and write well, function as a member of a team, do detailed work and keep accurate records. Additionally they must possess some physical strength and good manual dexterity.

Career Path After Recruit Training

Enlistees are taught the fundamentals of this rating through on-the-job training or formal Navy schooling. Advanced technical and operational training is available in this rating during later stages of career development.

School	Present Location	Approximate Training Time	Subjects	Training Methods
Basic Enlisted Submarine School	Groton, CT	4weeks	Indoctrination in basic submarine systems.	Group instruction and practical application
Class "A" Technical School and Specialty Pipeline School	Groton, CT	27-33 weeks	Basic electricity, electronics and computer technical knowledge and skills and preparation for combat systems specialties and assignment on a fast attack or ballistic missile submarine.	Group instruction, practical application and equipment labs.

After "A" school and Basic Enlisted Submarine School, Electronics Technicians (FT)'s are assigned to serve on all types of submarines and at shore facilities in the United States and overseas. During a 20 year period in the Navy, FT's spend about 60 percent of their time assigned to fleet units and 40 percent to shore stations.

Note: All applicants must read and understand the Submarine Volunteer Statement of Understanding.

Obligation

Active duty obligation is five years. Applicants will enlist for four years and concurrently execute an agreement to extend their enlistment for one year.

Advancement. Enlistees enlist as E-1s (seaman recruits). Completion of all advancement-in-rate requirements (including minimum time-in-rate) must be completed prior to advancement to E-2, E-3 and E-4. Top graduates of initial "pipeline" training may elect accelerated advancement to E-4 if they execute an agreement to extend their enlistment one additional year (six years total obligation). Advancement in this field to E-4 (Petty Officer Third Class) is excellent.

Working Environment

FT's duties are usually performed aboard submarines and usually work indoors in a clean, controlled environment with comfortable temperatures. However, some work is required in a clean or dirty environment of a shop-like nature. Their work may be independent in nature, but they usually work closely with others under direct supervision.

Opportunities

Placement opportunities are good for qualified applicants. About 1,100 Sailors work in the FT rating.

Civilian, Federal, and Military Sealift Command Related Occupations

To see Related Civilian, Federal, and Military Sealift Command Occupations for this rating:

FT
<https://www.cool.navy.mil/usn/enlisted/ft.htm>

Navy LaDR (Learning and Development Roadmap)



To see the Navy LaDR (Learning and Development Roadmap) for this rating:

FT
https://www.cool.navy.mil/usn/LaDR/ft_e1_e9.pdf

College Credits for this Rating

To see the college credits available via a Joint Service Transcript for this rating

FT
https://www.cool.navy.mil/usn/jst/ft_jst.pdf

Additional Information

For more information on opportunities available for this rating, please visit Navy Credentialing Opportunities On-Line (COOL)

FT

<https://www.cool.navy.mil/usn/enlisted/ft.htm>

Since Navy programs and courses are revised at times, the information contained on this rating card is subject to change.

(Revised 10/14)